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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/867,595	05/29/2001	David Boreham	13220.022001;P5835	6566
32615	7590	04/14/2005	EXAMINER	
OSHA & MAY L.L.P./SUN 1221 MCKINNEY, SUITE 2800 HOUSTON, TX 77010			LU, KUEN S	
			ART UNIT	PAPER NUMBER
			2167	

DATE MAILED: 04/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/867,595

Applicant(s)

BOREHAM ET AL.

Examiner

Kuen S Lu

Art Unit

2167

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 and 10-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 10-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendments

1. The Action is responsive to the Applicant's Amendments, filed on December 22, 2004. Noted is the amendments made to independent claims 1, 10 and 15, and the original claims 6-9 and 29-32 are cancelled.

As to the declaration filed on August 24, 2004 under 37 CFR 1.131, deemed ineffective upon further consideration for the following reason:

The evidence submitted by applicants consists of an email showing the inventors in the distribution list of email related to a directory server project.

Conception is the mental part of the inventive act but it must be capable of proof, as by drawings, complete disclosure to another person, etc. In *Mergenthaler v. Scudder*, 1897 C.D. 724, 81 O.G. 1417 (D.C. Cir. 1897), it was established that conception is more than a mere vague idea of how to solve a problem, the means themselves and their interaction must be comprehended also. Please see MPEP 715.07.

With regard to diligence, where conception occurs prior to the date of the reference but reduction to practice is afterward, it is not enough merely to allege that applicant has been diligent, *Ex parte Hunter*, 1889 C.D. 218, 49 O.G. 733 (Comm'r Pat. 1889).

Rather, applicant must show evidence of facts establishing diligence. For all the reasons discussed above, applicant's declaration of 'the present invention was conceived prior to the effective 102 (a) date of iPlanet and subsequently constructively reduced to practice with due diligence exercised by the inventors' is not considered satisfactory evidence.

The delay in notification of the declaration's ineffectiveness is regretted. Further evidence clearly showing conception and reduction to practice occurs prior to the date of the reference and a clear indication of the Applicant's involvement in phases of the conception to reduction to practice would be favorably considered to overcome the reference. As such, this Office Action is made non-Final.

2. As for the Applicant's Remarks on claim rejections, filed on December 22, 2004, has been fully considered by the Examiner, please see discussion in the section ***Response to Arguments***, following the Office Action for non-Final Rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

4. Claims 1-5 and 10-28 are rejected under 35 U.S.C. 102(a) as anticipated by iPlanet Directory Server Administrator's Guide (Version 5.0, April 2001, Sun Microsystems, Inc., hereafter "iPlanet").

As per claims 1 and 10, iPlanet teaches the following:
"creating the plurality of entries in the directory server" (See Page 39 wherein iPlanet's offering templates for creating directory entries is equivalent to Applicant's creating the plurality of entries in the directory server);

"creating a CoS scheme, wherein the CoS scheme comprises a CoS definition entry"
(See Page 171 wherein iPlanet's steps 1 through 8 for creating a CoS scheme and at
Page 170 wherein iPlanet's diagram showing a CoS definition entry of IndirectCos is
equivalent to Applicant's creating a CoS scheme, wherein the CoS scheme comprises a
CoS definition entry); and

"a CoS template entries entry wherein the CoS template entry comprises at least one
attribute value" (See Page 170 wherein iPlanet's diagram showing manager attribute in
the target entry pointing to the DN entry of "Carla Fuentes" in the Template Entry is
equivalent to Applicant's a CoS template entries entry wherein the CoS template entry
comprises at least one attribute value); and

"configuring CoS logic to use the CoS scheme to provide the attribute value to at least
one of the plurality of entries, wherein the at least one of the plurality of target entries is
within a scope of a parent of the CoS definition entry" (See Pages 180-181 wherein
iPlanet's creating a CoS that automatically generates postal codes using a combination
of the templates DN and the attribute specified in the CoSSpecifier attribute, adding the
indirect CoS definition and creating template entries to the definition entry is equivalent
to Applicant's configuring CoS logic to use the CoS scheme to provide the attribute
value to at least one of the plurality of entries, wherein the at least one of the plurality of
target entries is within a scope of a parent of the CoS definition entry), and

"wherein the directory server supports a Directory Access Protocol (DAP)" (See Page
19 wherein iPlanet's iPlanet is an industry standard LDAP product is equivalent to
Applicant's wherein the directory server supports a Directory Access Protocol).

As per claims 2 and 11, iPlanet further teaches "the CoS Definition entry has a CoS specifier and a value for the CoS specifier" (See Page 170 wherein iPlanet's diagram by showing the value manager for the specifier, the attribute CoSIndirectSpecifier is equivalent to Applicant's the CoS Definition entry has a CoS specifier and a value for the CoS specifier).

As per claims 3 and 12, iPlanet further teaches "the value of the CoS specifier in the CoS definition entry appears in the at least one of the plurality of entries as a first attribute type" (See at Pages 170 and 178-179 the CoS definition dc=siroe in the indirect CoS definition or the template entry is equivalent to Applicant's the value of the CoS specifier in the CoS definition entry appears in the at least one of the plurality of entries as a first attribute type).

As per claims 4 and 13, iPlanet teaches "the value of the first attribute type corresponds to a relative distinguishing name (RDN) of the CoS template entry associated with the CoS definition entry" (See Pages 168-170 wherein iPlanet's diagram showing the departmentNumber of the template entry corresponds to the value of attribute CoSAttribute in the definition entry is equivalent to Applicant's the value of the first attribute type corresponds to an RDN of the CoS template entry associated with the CoS definition entry).

As per claims 5 and 14, iPlanet further teaches "the CoS definition entry comprises a list of attribute types, wherein the values associated with the list of attribute types are provided by the CoS scheme using the CoS template entry entries" (See Page 170 diagram by showing the sharing of attribute-value pairs CoSIndirectSpecifier-manager and CoSAttribute-departmentNumber between target and definition entries is equivalent to Applicant's the CoS definition entry comprises a list of attribute types, wherein the values associated with the list of attribute types are provided by the CoS scheme using the CoS template entry entries).

As per claims 19 and 22, iPlanet further teaches "the CoS definition entry comprises a CoS specifier and a list of attributes, whereby a first one of the plurality of entries within a scope of a parent of the CoS definition entry obtains values for attributes provided in the CoS definition entry by using an attribute with a distinguishing name (DN) value contained within the first one of the plurality of entries" (See Pages 169-171 wherein iPlanet's three entries of CoS showing list of attributes and the template entry is identified by DN is equivalent to Applicant's the CoS definition entry comprises a CoS specifier and a list of attributes, whereby a first one of the plurality of entries within a scope of a parent of the CoS definition entry obtains values for attributes provided in the CoS definition entry by using an attribute with a distinguishing name (DN) value contained within the first one of the plurality of entries).

As per claims 20 and 23, iPlanet further teaches "the DN points to a second one of a plurality of entries which is a valid entry" (See Page 168-171 wherein iPlanet's CoSTemplate DN points to the template entry is equivalent to Applicant's the DN points to a second one of a plurality of entries which is a valid entry).

As per claims 21 and 24, iPlanet further teaches "the DN points to a second one of the plurality of entries which is a valid entry and the first one of the plurality of entries uses the second one of the plurality of entries as a template" (See Pages 170-171 wherein iPlanet's DN CoSTemplateDN points to Template entry and the wholiday CoS points to this Template CoS is equivalent to Applicant's the DN points to a second one of the plurality of entries which is a valid entry and the first one of the plurality of entries uses the second one of the plurality of entries as a template).

As per claim 15, iPlanet further teaches the following:

"a first target entities entry" (See Page 171 wherein iPlanet's CoS wholiday is a target entry of the siroe definition is equivalent to Applicant's a first target entities entry);

"a plurality of attribute-value pairs" (See Page 171 wherein iPlanet's the target entry, CoS wholiday, has 4 attribute-value pairs, such as employeeType-Sales, is equivalent to Applicant's a plurality of attribute-value pairs is equivalent to Applicant's a plurality of attribute-value pairs),

"wherein each of the plurality of attribute-values pairs is associated with one of a plurality of CoS template entries, and wherein each of the plurality of CoS template

entries are associated with one of a plurality of CoS definition entries” (See Pages 10-171 wherein iPlanet’s CoS’es IndirectCoS and ClassicCoS provide attributes to specify target and template entries, and the entries are associated with the definition CoS via the CoSes is equivalent to Applicant’s wherein each of the plurality of attribute-values pairs is associated with one of a plurality of CoS template entries, and wherein each of the plurality of CoS template entries are associated with one of a plurality of CoS definition entries);

“a component configured to receive a request for one of the plurality of attribute-value pairs associated with the first target entry” (See Page 172, step 6 wherein iPlanet’s receiving a request for an attribute-value pair associated with a first target entry is equivalent to Applicant’s a component configured to receive a request for one of the plurality of attribute-value pairs associated with the first target entry);

“a component configured to search the plurality of attribute-value pairs to obtain the requested one of the plurality of attribute-value pairs associated with the First target entry a component configured to return the requested one of the plurality of attribute-value pairs associated with the first target entry, wherein the first target entry is within a scope of a parent of the CoS definition entry” (See Pages 170-173 wherein iPlanet’s searching in a list of attribute-value pairs which are associated with template entries that are in turn associated with CoS Definition entries for instances of attribute value pairs that match the requested attribute type is equivalent to Applicant’s a component configured to search the plurality of attribute-value pairs to obtain the requested one of the plurality of attribute-value pairs associated with the First target

entry a component configured to return the requested one of the plurality of attribute-value pairs associated with the first target entry, wherein the first target entry is within a scope of a parent of the CoS definition entry).

As per claim 16, iPlanet further teaches "search the plurality of attribute-value pairs uses a set of constraints to obtain the requested one of the plurality of attribute-value pairs associated with the first target entry, wherein the set of constraints includes the scope" (See Page 173 wherein iPlanet's using both its DN and the value of the target entry's attributes and the target entry's attributes, a classic CoS is equivalent to Applicant's search the plurality of attribute-value pairs uses a set of constraints to obtain the requested one of the plurality of attribute-value pairs associated with the first target entry, wherein the set of constraints includes the scope).

As per claim 17, iPlanet further teaches "the set of constraints comprises determining whether a CoS specifier associated with the requested one of the plurality of attribute-value pairs associated with the first target entry matches a CoS definition entry associated with the requested one of the plurality of attribute-value pairs associated with the first target entry" (See Pages 169-171 wherein iPlanet's three entries of CoS showing list of attributes and the template entry is identified by DN, and attribute-value pairs defining the association between a CoS definition entry and template and target entries is equivalent to Applicant's the set of constraints comprises determining whether a CoS specifier associated with the requested one of the plurality of attribute-value pairs

associated with the first target entry matches a CoS definition entry associated with the requested one of the plurality of attribute-value pairs associated with the first target entry).

As per claims 18, iPlanet further teaches “the set of constraints comprises determining whether requested one of the plurality of attribute-value pairs associated with the first target entry corresponds to an RDN of a CoS template entry associated with a CoS definition entry” (See Pages 169-171 wherein iPlanet’s three entries of CoS showing list of attributes and the template entry is identified by DN, and attribute-value pairs defining the association between a CoS definition entry and template and target entries is equivalent to Applicant’s the set of constraints comprises determining whether requested one of the plurality of attribute-value pairs associated with the first target entry corresponds to an RDN of a CoS template entry associated with a CoS definition entry).

As per claim 25, iPlanet further teaches “the plurality of attribute-value pairs uses an indirect CoS scheme” (See Page 170 wherein iPlanet’s the CoS definition entry attribute-values pairs are used in the template and target entries is equivalent to Applicant’s the plurality of attribute-value pairs uses an indirect CoS scheme).

As per claim 26, iPlanet further teaches “the component configured to search the plurality of attribute-value pairs to obtain the requested one of the plurality of attribute-

value pairs associated with the first target entry includes functionality to apply at least one constraint in a set of constraints to obtain the requested one of the plurality of attribute-value pairs” (See Pages 170-173 wherein iPlanet’s searching in a list of attribute-value pairs which are associated with template entries that are in turn associated with CoS Definition entries for instances of attribute value pairs that match the requested attribute type is equivalent to Applicant’s the component configured to search the plurality of attribute-value pairs to obtain the requested one of the plurality of attribute-value pairs associated with the first target entry includes functionality to apply at least one constraint in a set of constraints to obtain the requested one of the plurality of attribute-value pairs).

As per claim 27, iPlanet further teaches “applying the set of constraints determining whether a CoS specifier associated with the component configured to search the plurality of attribute-value pairs for the requested one of the plurality of attribute-value pairs associated with the first target entry matches a valid second target entry” (See Page 170-173 using the value of one of the target entry’s attribute, and returning the attribute-value pair that satisfied the applied constraint(s)” using both its DN and the value of the target entry’s attributes is equivalent to Applicant’s applying the set of constraints determining whether a CoS specifier associated with the component configured to search the plurality of attribute-value pairs for the requested one of the plurality of attribute-value pairs associated with the first target entry matches a valid second target entry).

As per claim 28, iPlanet further teaches "the second target entry comprises an attribute provided by the indirect CoS scheme" (See Page 170 wherein iPlanet's pointers of attribute departmentNumber in both template and target entries is equivalent to Applicant's the second target entry comprises an attribute provided by the indirect CoS scheme).

Response to Arguments

5. The Applicant's arguments filed on December 22, 2004 have been considered but they are moot on new grounds of rejection.

6. The prior art made of record

U. iPlanet Directory Server Administrator's Guide, Version 5.0, Sun Microsystems, Inc. Doc. ID 816-0799-01, April, 2001.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure

A. U.S. Patent No. 5,878,421

B. U.S. Patent No. 6,339,775

C. U.S. Patent No. 6,868,525

Conclusions

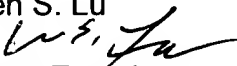
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kuen S Lu whose telephone number is 703-305-4894.

The examiner can normally be reached on 8 AM to 5 PM, Monday through Friday.

Art Unit: 2167

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on 703-305-9790. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Kuen S. Lu


Patent Examiner

April 9, 2005


Luke Wassum

Primary Examiner

April 9, 2005